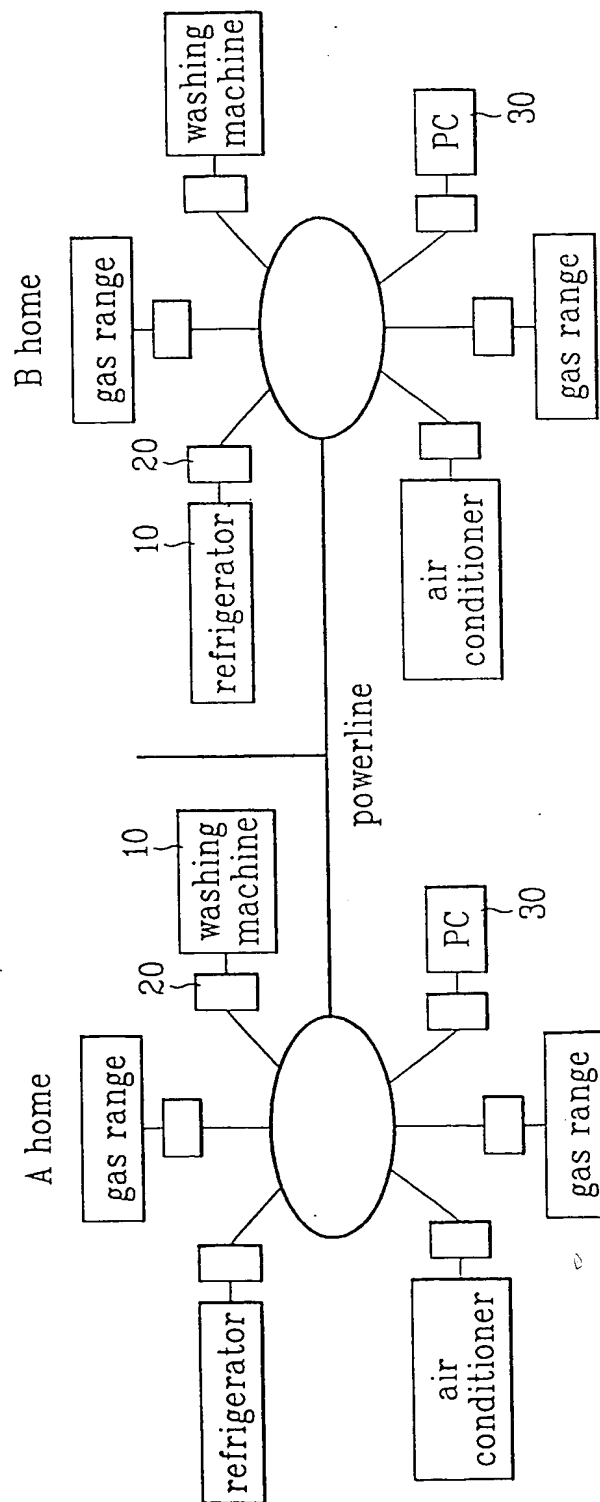


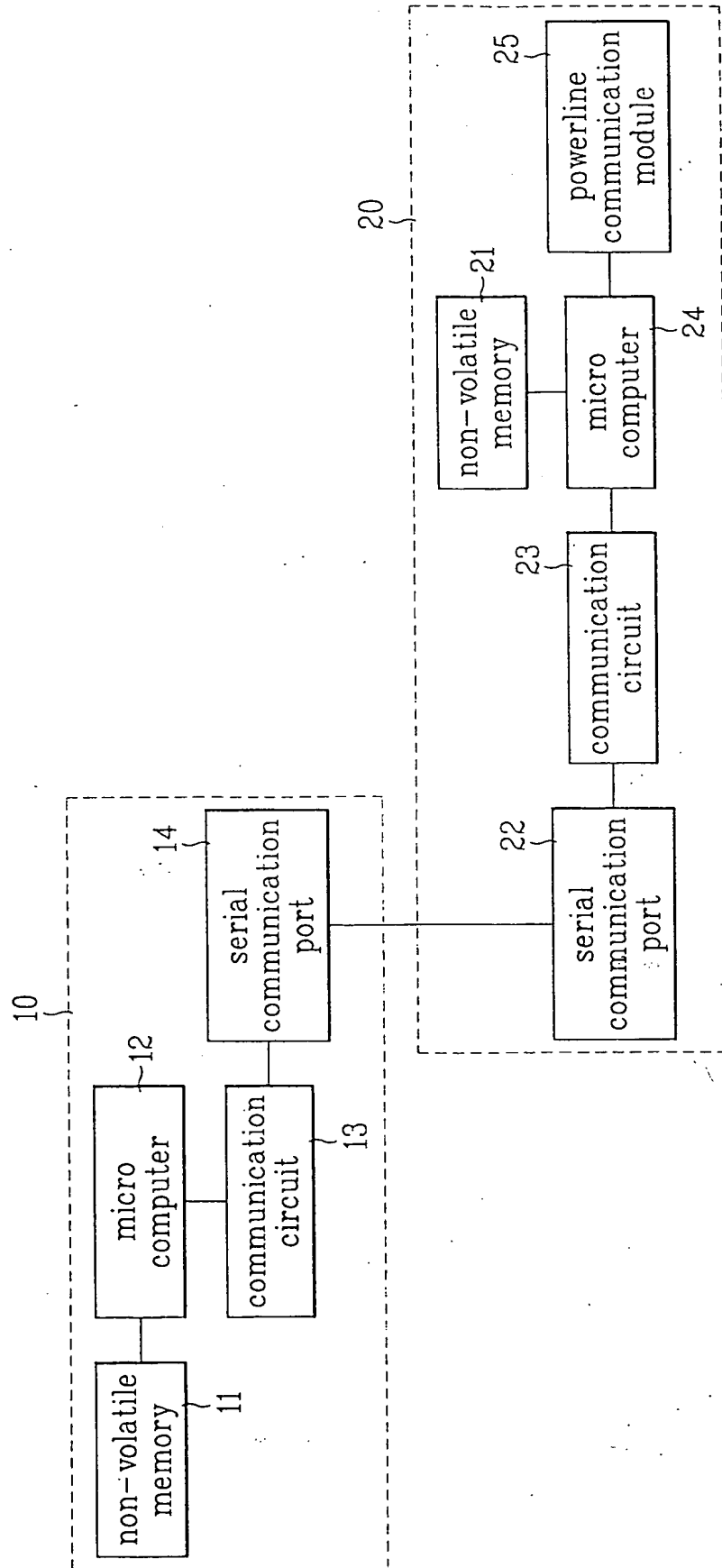
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FIG. 1



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FIG. 2



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FIG. 3A

STX	receiver address	transmitter address	...	message to be transmitted	CRC	ETX
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packet for transmission from an appliance
(appliance 1 => adapter 1)

FIG. 3B

House Code	STX	receiver address	transmitter address	...	message to be transmitted	CRC	ETX
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packet for transmission on a powerline from an adapter
(adapter 1 => adapter 2)

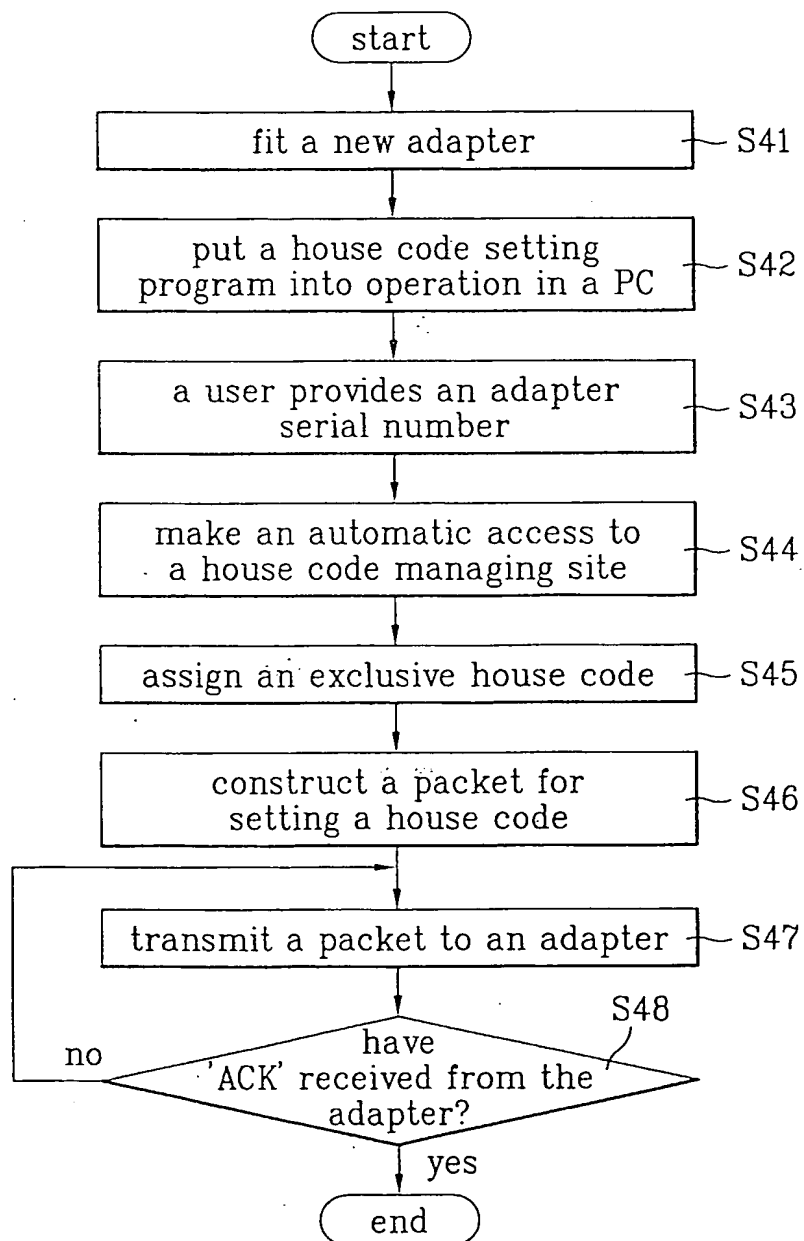
FIG. 3C

STX	receiver address	transmitter address	...	message to be transmitted	CRC	ETX
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packet for transmission from an adapter to an appliance
(adapter 2 => appliance 2)

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FIG. 4



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FIG. 5A

a serial number of a receiver adapter	a network address of a PC	House Code
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packet for transmission from PC => adapter

FIG. 5B

a network address of a PC	a serial number of a receiver adapter	Ack
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packet for transmission from adapter => PC

FIG. 6

